

5. The user interface of claim 4, wherein, in the expanded setting, the tactile surface of the portion of the deformable regions is elevated above a portion of the tactile surface of the undeformable region.

6. The user interface of claim 1, wherein, in the retracted setting, the back surface of the each deformable region is in contact with the corresponding support member.

7. The user interface of claim 1, further comprising a display coupled to the substrate and configured to visually output an image through the tactile surface.

8. The user interface of claim 7, wherein the display is configured to output the image that is an input key substantially aligned with at least one deformable region.

9. The user interface of claim 7, wherein the display and the touch sensor are physically coextensive.

10. The user interface of claim 1, wherein the displacement device is a pump.

11. The user interface of claim 1, wherein the displacement device is further configured to displace fluid away from the back surface of each of the deformable regions to transition the deformable regions from the expanded setting to the retracted setting.

12. The user interface of claim 1, wherein the displacement device is further configured to selectively transition a portion of the deformable regions between the retracted and expanded settings.

13. The user interface of claim 1, further comprising a valve coupled to the fluid network and configured to selectively direct fluid through a portion of the fluid network.

14. The user interface of claim 1, wherein the substrate further defines a cavity adjacent each support member and configured to communicate fluid between the fluid network and the corresponding fluid channel.

15. The user interface of claim 14, wherein the fluid network comprises a first fluid branch, configured to communicate fluid from the displacement device to a first group of cavities, and a second fluid branch, configured to communicate fluid from the displacement device to a second group of cavities.

16. The user interface of claim 15, wherein the first fluid branch is arranged at a first depth within the substrate and the second fluid branch is arranged at second depth within the substrate.

17. The user interface of claim 15, further comprising a valve coupled to the fluid network between the first fluid branch and the second fluid branch.

18. The user interface of claim 1, wherein a first deformable region is of a first elasticity and a second deformable region is of a second elasticity different than the first elasticity.

19. The user interface of claim 1, wherein a first deformable region is of a first geometry and a second deformable region is of a second geometry different than the first geometry.

20. The user interface of claim 1, further comprising a second displacement device coupled to the fluid network and configured to cooperate with the displacement device to displace fluid through the fluid network.

21. The user interface of claim 1, wherein a first group of deformable regions correspond to the letters of a QWERTY keyboard, and wherein a second group of deformable regions correlate to the numbers of a 0 through 9 of a numeric keypad.

22. The user interface of claim 21, wherein a third group of deformable regions cooperates with the first group of deformable regions to correspond to the letters of a landscape QWERTY keyboard, and wherein the third group of deformable regions cooperates with the second group of deformable regions to correlate to the letters of a portrait QWERTY keyboard.

23. The user interface of claim 1, further comprising a processor coupled to the sensor and configured to interpret a deformation of a deformable region as a force applied to the tactile surface proximal the deformable region.

24. The user interface of claim 23, wherein the processor is further configured to control the displacement device.

25. The user interface of claim 1 incorporated into an electronic device selected from the group consisting of: an automotive console, a desktop computer, a laptop computer, a tablet computer, a television, a radio, a desk phone, a mobile phone, a PDA, a personal navigation device, a personal media player, a camera, and a watch.

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